Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028534.D
Acq On : 29 Aug 2017 1:09
Operator : SJ/JU
Sample : I4905-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
B0AY0

**Manual Integrations APPROVED**
Sohil
8/29/2017 6:02:17 PM

Quant Time: Aug 29 06:31:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.34 | 152 | 38477 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.16 | 136 | 160747 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.95 | 164 | 110030 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.70 | 188 | 268657 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 22.04 | 240 | 330519 | 20.00 | ng/ul | 0.01 |
| 83) Perylene-d12 | 25.55 | 264 | 319954 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.83 | 96 | 4702 | 5.69 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.50 | 99 | 129423 | 30.63 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.66 | 67 | 82305 | 30.75 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.88 | 132 | 95777 | 35.93 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.04 | 113 | 107594 | 30.46 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.51 | 128 | 51387 | 40.88 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.24 | 143 | 59033 | 42.83 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.78 | 165 | 115946 | 40.66 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.29 | 131 | 110569 | 34.84 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.34 | 166 | 380062 | 38.84 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.65 | 160 | 444409 | 40.28 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.16 | 143 | 51388 | 33.02 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.94 | 176 | 328495 | 37.42 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.07 | 200 | 45194 | 25.90 | ng/ul | 0.01 |
| 70) Anthracene-d10 | 17.80 | 188 | 521918 | 40.51 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.08 | 212 | 626752 | 36.98 | ng/ul | 0.01 |
| 87) Benzo(a)pyrene-d12 | 25.32 | 264 | 628046 | 41.93 | ng/ul | 0.04 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.52 | 94 | 11126 | 2.649 | ng/ul# | 92 |
| 28) Naphthalene | 11.22 | 128 | 24380 | 3.062 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.79 | 142 | 8481m | 1.326 | ng/ul | |
| 44) Dimethylphthalate | 14.38 | 163 | 110848 | 12.302 | ng/ul | 98 |
| 47) Acenaphthylene | 14.68 | 152 | 47214 | 4.478 | ng/ul | 96 |
| 49) Acenaphthene | 15.02 | 153 | 8278 | 1.164 | ng/ul | 92 |
| 53) Dibenzofuran | 15.35 | 168 | 31979 | 3.083 | ng/ul | 98 |
| 58) Fluorene | 15.99 | 166 | 30811 | 3.355 | ng/ul | 100 |
| 69) Phenanthrene | 17.75 | 178 | 849951 | 62.865 | ng/ul | 98 |
| 71) Anthracene | 17.84 | 178 | 135900 | 9.835 | ng/ul | 98 |
| 72) Carbazole | 18.11 | 167 | 73556 | 6.121 | ng/ul | 98 |
| 74) Fluoranthene | 19.75 | 202 | 1484473 | 90.345 | ng/ul | 99 |
| 77) Pyrene | 20.11 | 202 | 1246475 | 63.212 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 22.02 | 228 | 785316 | 41.122 | ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.87 | 149 | 24746 | 2.355 | ng/ul# | 88 |
| 82) Chrysene | 22.09 | 228 | 740978 | 43.082 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 24.44 | 252 | 773101 | 40.378 | ng/ul | 97 |
| 86) Benzo(k)fluoranthene | 24.49 | 252 | 321762m | 17.204 | ng/ul | |
| 88) Benzo(a)pyrene | 25.39 | 252 | 573704 | 30.947 | ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 29.58 | 276 | 278493m | 12.829 | ng/ul | |
| 90) Dibenzo(a,h)anthracene | 29.62 | 278 | 84557 | 4.647 | ng/ul | 98 |
| 91) Benzo(g,h,i)perylene | 30.85 | 276 | 164718 | 9.223 | ng/ul | 98 |

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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